

205220" 0244400T

100

		345	350	9	56	69	111	0	0	0	0	0	0	0	0	12
		409	416	42	329	223	90	0	7	14	0	14	14	7	10	
213	327	207	279	243	312	272	63	0	36	36	35	36	0	46	0	
400	212	386	182	295	334	88	116	0	10	102	213	77	68	6	0	
0	132	81	64	0	108	47	45	0	160	148	87	29	140	8	0	
8	284	215	31	20	246	141	28	0	221	247	29	14	174	0	0	
149	242	96	7	117	205	27	0	10	122	170	27	0	128	0	0	
151	228	38	31	97	173	18	0	21	92	146	8	0	40	0	3	
0	0	0	73	7	0	0	3	0	0	0	0	0	0	0	0	
0	0	0	104	0	11	21	0	0	0	0	0	0	0	0	0	
0	7	0	41	49	37	26	0	0	0	0	3	0	0	7	0	
0	0	47	62	24	37	7	0	0	4	0	10	0	28	0	0	
0	133	81	43	17	18	0	0	0	5	3	23	0	0	0	0	
0	25	68	10	13	0	0	0	0	0	30	0	0	0	0	0	
6	52	69	9	5	19	0	0	0	0	10	0	0	0	0	0	
0	14	73	13	0	0	0	0	0	0	0	0	0	0	0	0	

FIG. 1

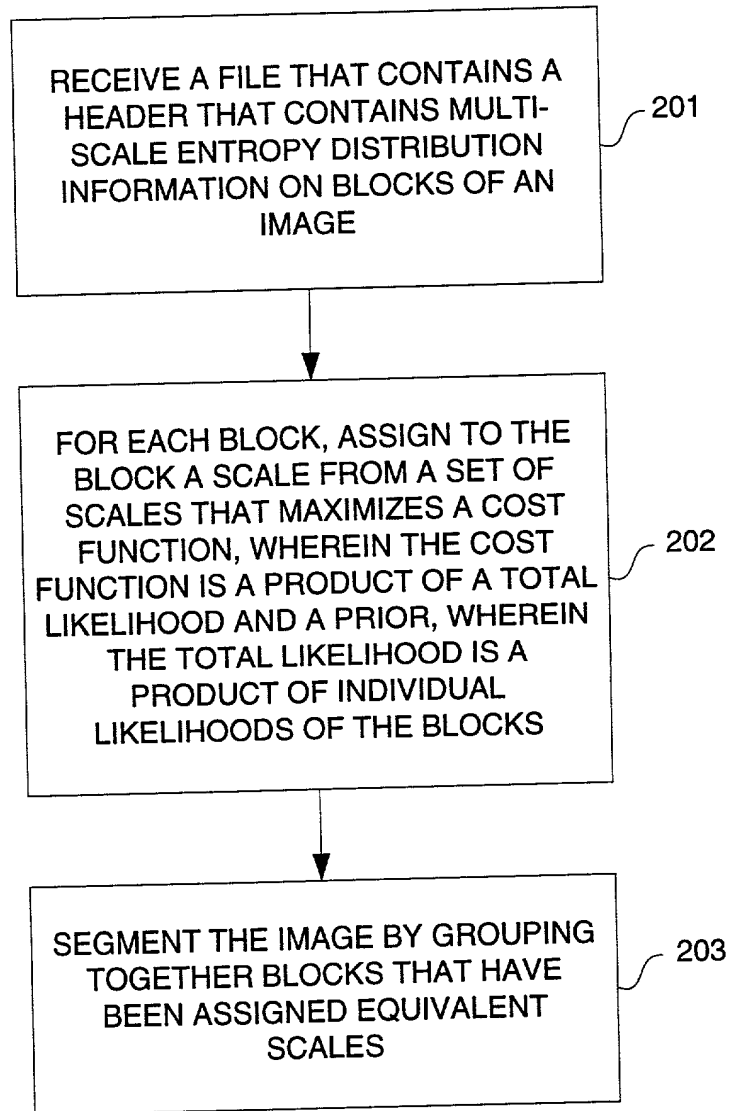


FIG. 2

205220 0244007

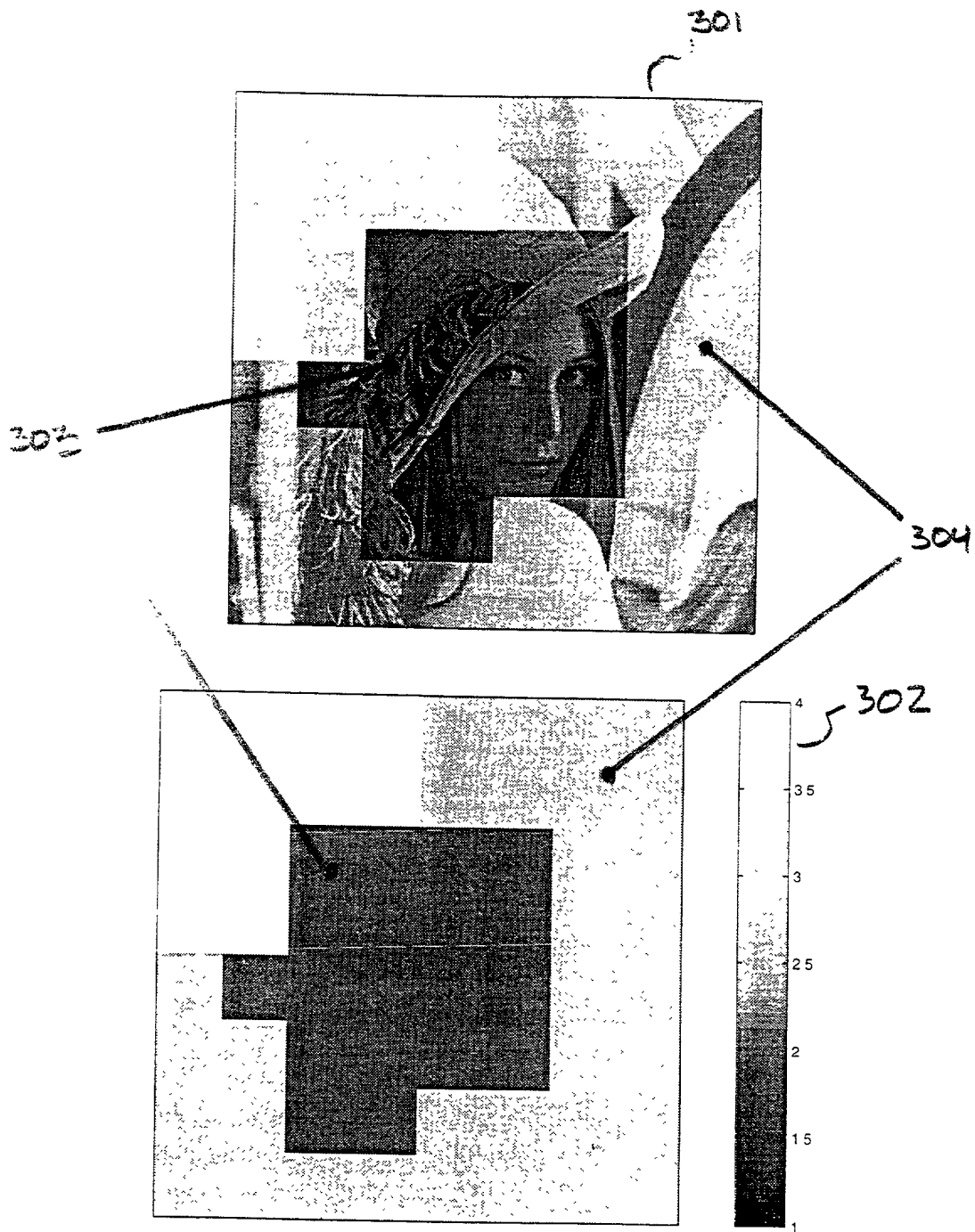


FIG. 3

401

口徹也/末永 稔/真弓重孝
 自/西頭恒明/田村俊一/金
 彦/三河正久/広野彩子/谷
 生田崇志/和田一成/川上
 れんげ/小平和良/熊野信
 子/上野絵子/安藤由子/
 レー支局長 川嶋 諭/ニュ
 ドマン/ワシントン特約駐在

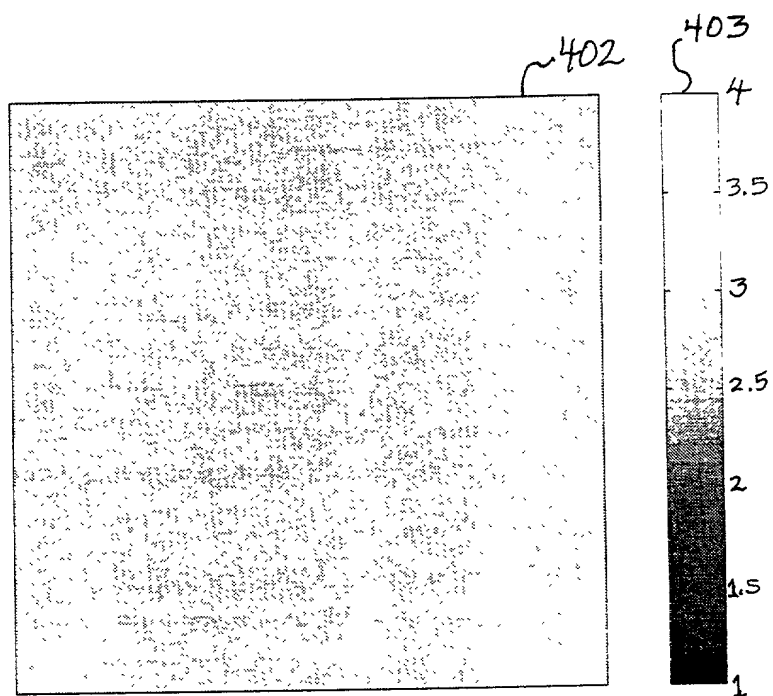


FIG. 4

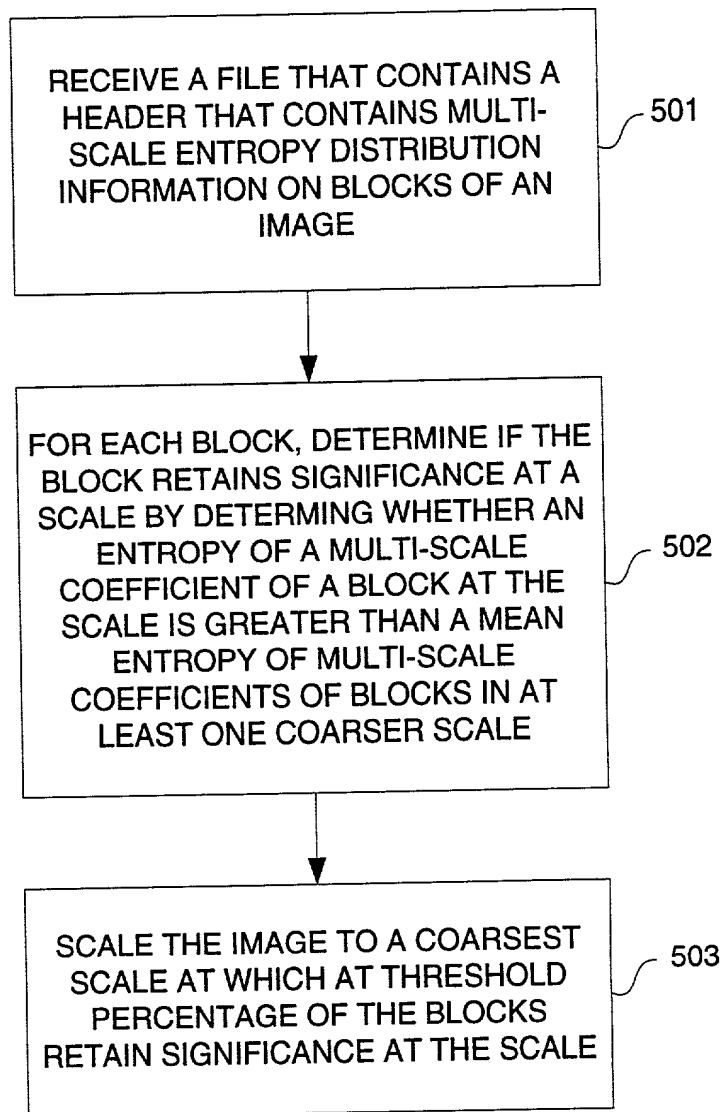


FIG. 5

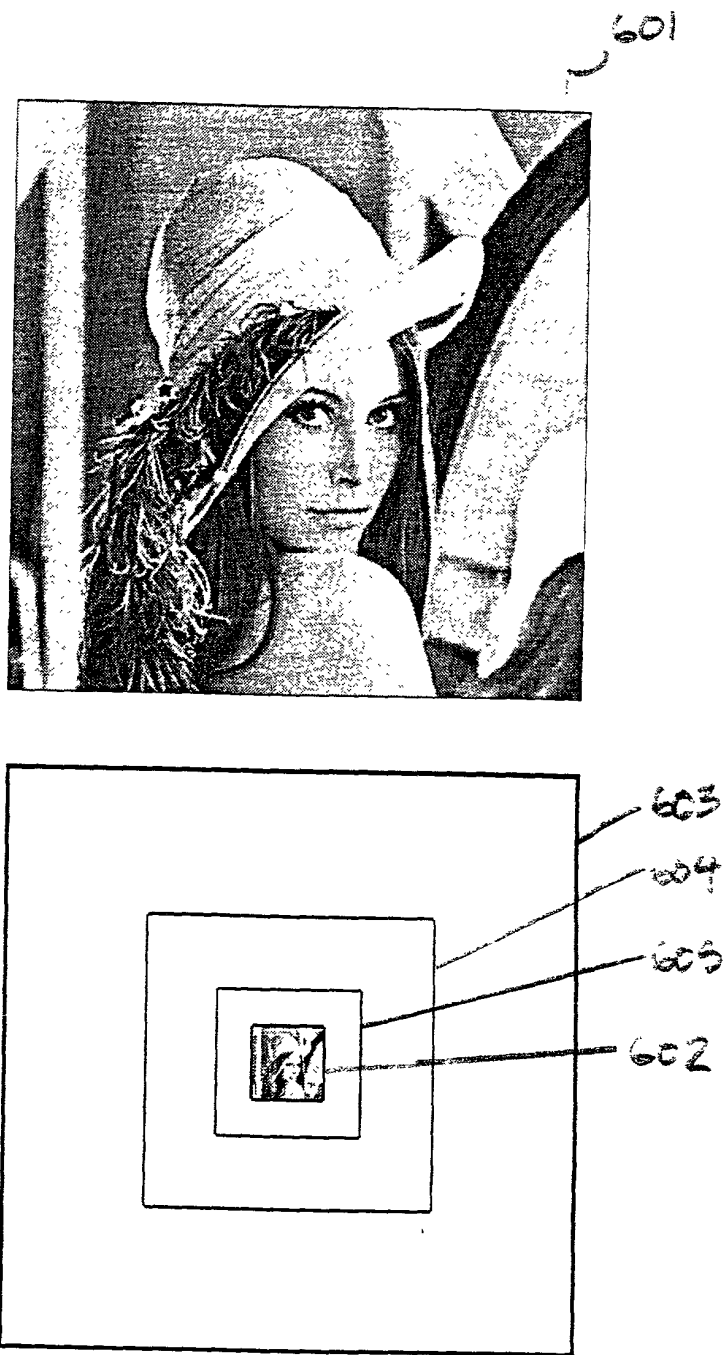


FIG. 6

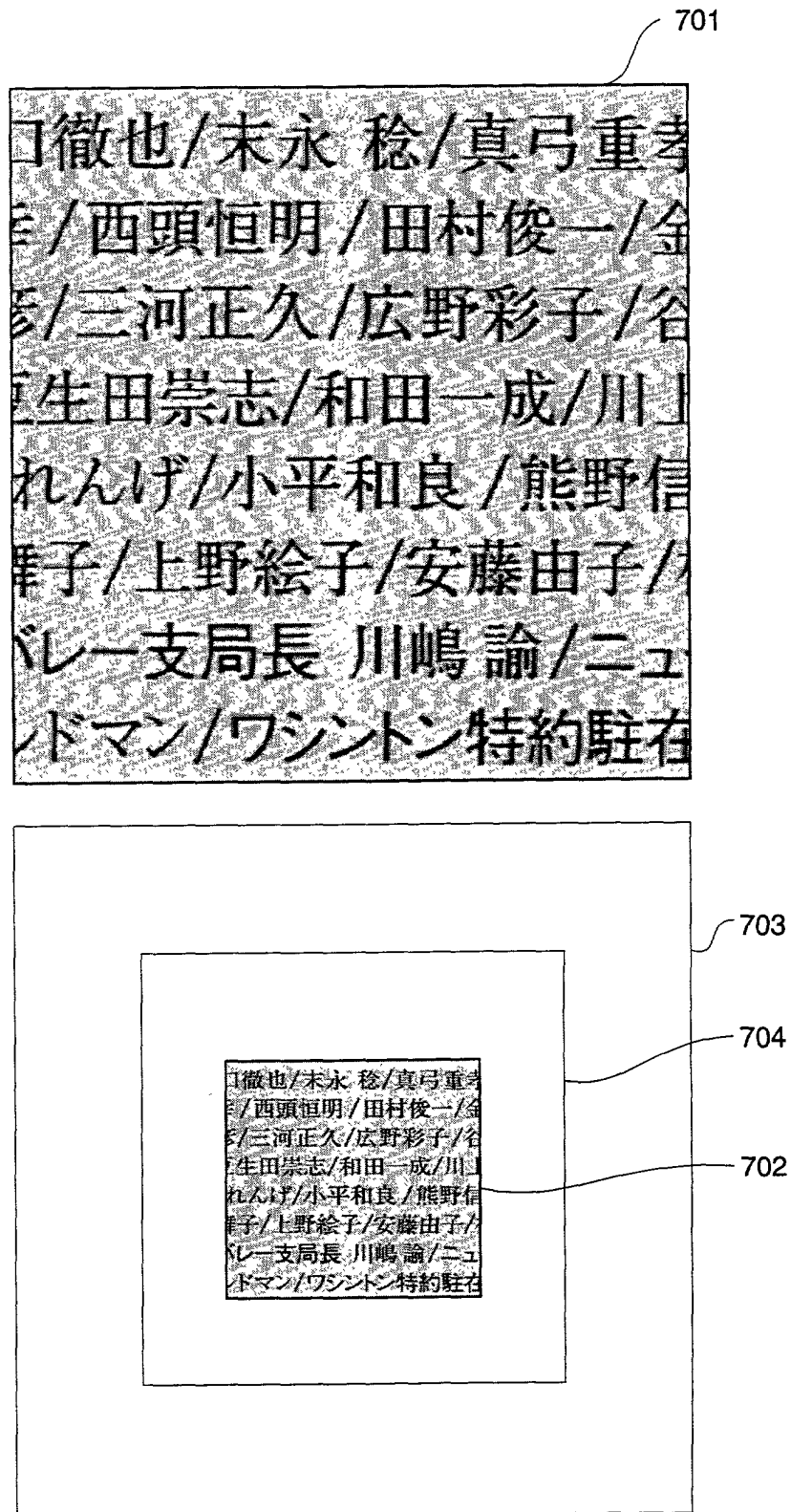


FIG. 7

RECEIVE A FILE THAT CONTAINS MULTI-SCALE ENTROPY
DISTRIBUTION INFORMATION ON BLOCKS OF AN IMAGE AND
RECEIVE SHAPE CONSTRAINTS SUCH AS DISPLAY WIDTH AND
DISPLAY HEIGHT

801



FOR EACH BLOCK AND FOR EACH SCALE OF A SET OF SCALES,
SET A CUMULATIVE ENTROPY DISTRIBUTION FOR THE BLOCK
AT THAT SCALE EQUAL TO A WEIGHTED SUMMATION OF A
NUMBER OF BITS SPENT TO CODE THE BLOCK FOR SCALES AT
AND BETWEEN THE FIRST SCALE AND A MAXIMUM SCALE

802



FOR EACH BLOCK, EACH SCALE CHOSEN FROM A SET OF SCALES, AND EACH WIDTH AND HEIGHT OFFSET CHOSEN WITHIN THE GIVEN IMAGE WIDTH AND HEIGHT, SET AN INDICATOR FUNCTION OF THE BLOCK AT THE CHOSEN SCALE AND CHOSEN WIDTH AND HEIGHT OFFSET TO ONE UPON DETERMINING THAT THE WIDTH LOCATION OF THE BLOCK IS NOT GREATER THAN A FIRST MINIMUM VALUE OF A SET CONSISTING OF THE CHOSEN WIDTH OFFSET AND A SUM OF THE CHOSEN WIDTH OFFSET WITH THE DISPLAY WIDTH SCALED BY THE CHOSEN SCALE, AND THE HEIGHT LOCATION OF THE BLOCK IS NOT GREATER THAN A FIRST MINIMUM VALUE OF A SET CONSISTING OF THE CHOSEN HEIGHT OFFSET AND A SUM OF THE CHOSEN HEIGHT OFFSET WITH THE DISPLAY HEIGHT SCALED BY THE CHOSEN SCALE

803



COMPUTE AN OPTIMAL LOCATION (WIDTH AND HEIGHT
OFFSET) AND AN OPTIMAL SCALE THAT TOGETHER
MAXIMIZE A SUMMATION CONSISTING OF THE CUMULATIVE
ENTROPY DISTRIBUTION FOR THE BLOCK MULTIPLIED WITH
THE INDICATOR FUNCTION OF THE BLOCK (CHARACTERIZED
BY THE SCALE, WIDTH AND HEIGHT OFFSET)
AND WITH A PARAMETER

804



CROP THE IMAGE TO THE OPTIMAL LOCATION AND DOWN-SAMPLE THE RESULTING CROPPED IMAGE TO THE OPTIMAL SCALE

805

FIG. 8

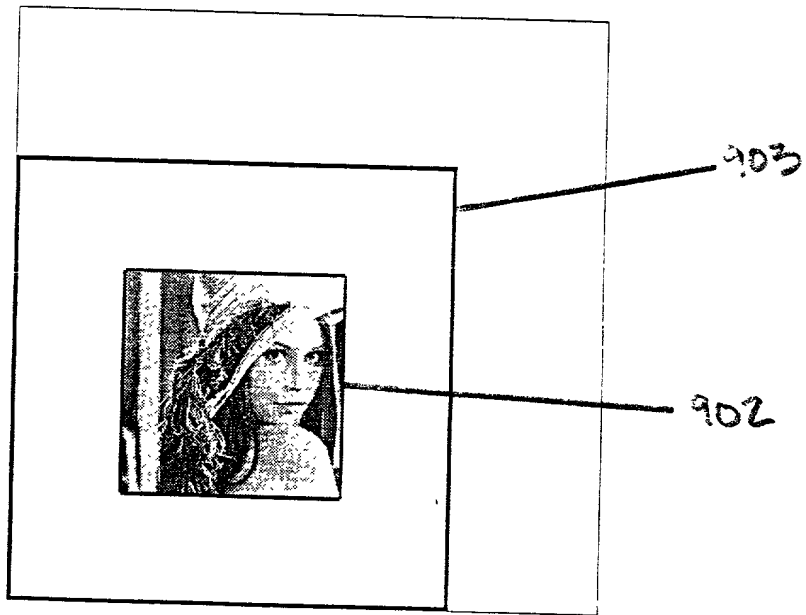


FIG. 9

205350"0244001

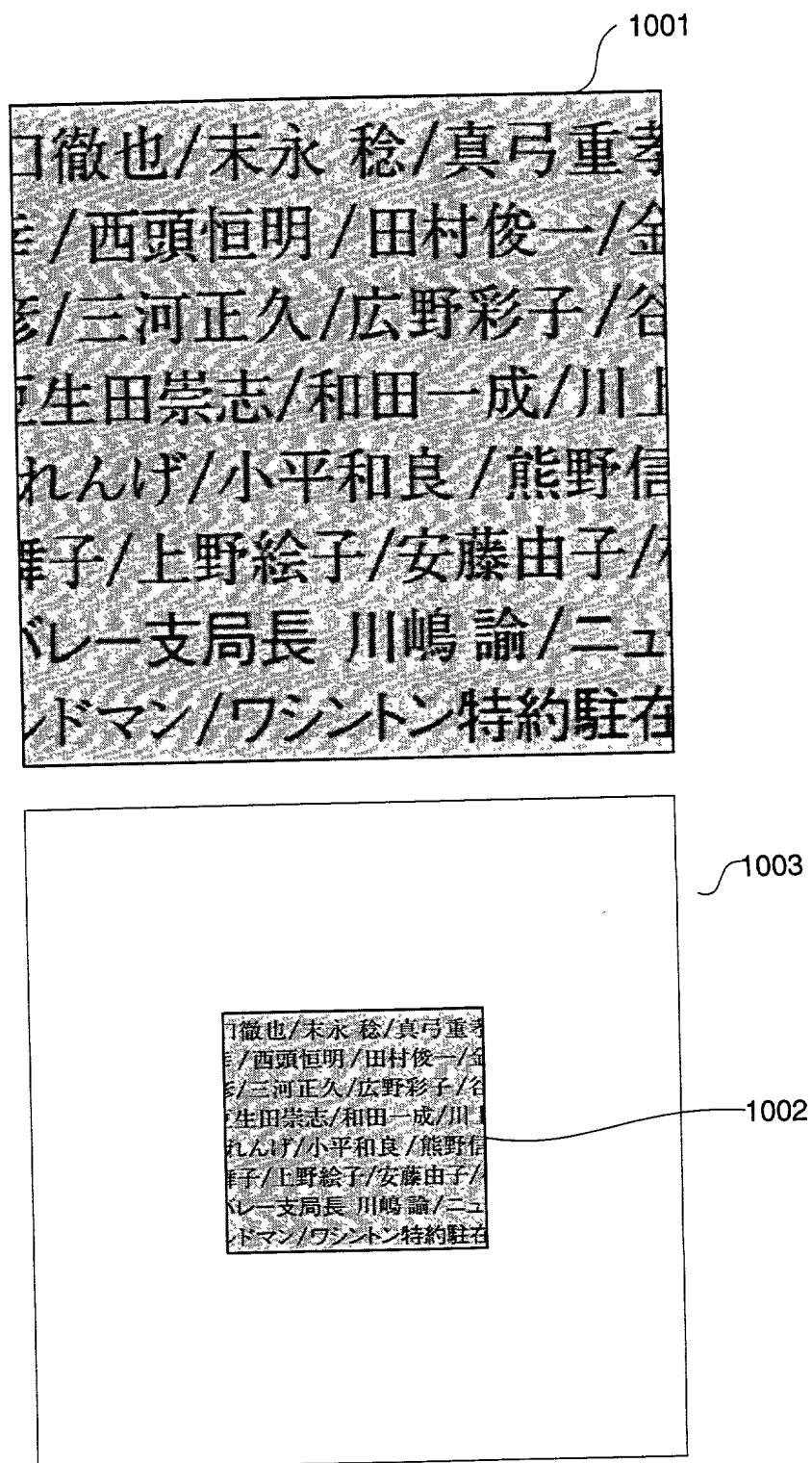


FIG. 10

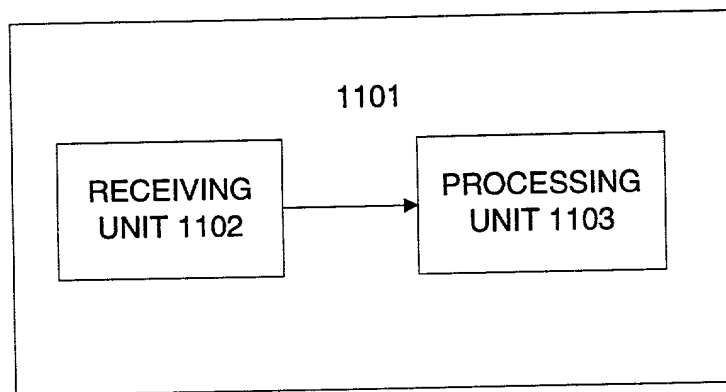


FIG. 11A

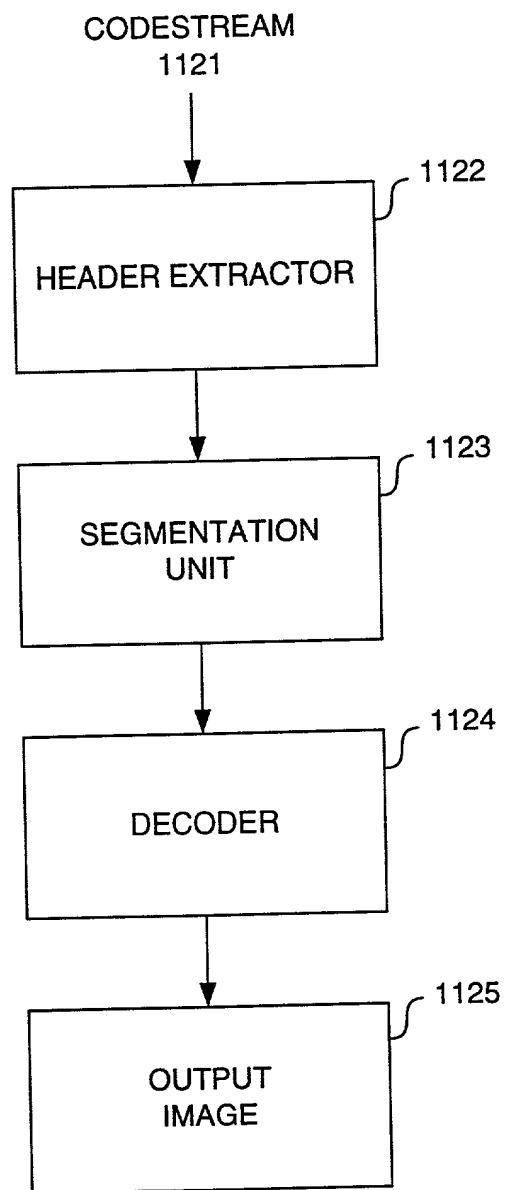


FIG. 11B

1200

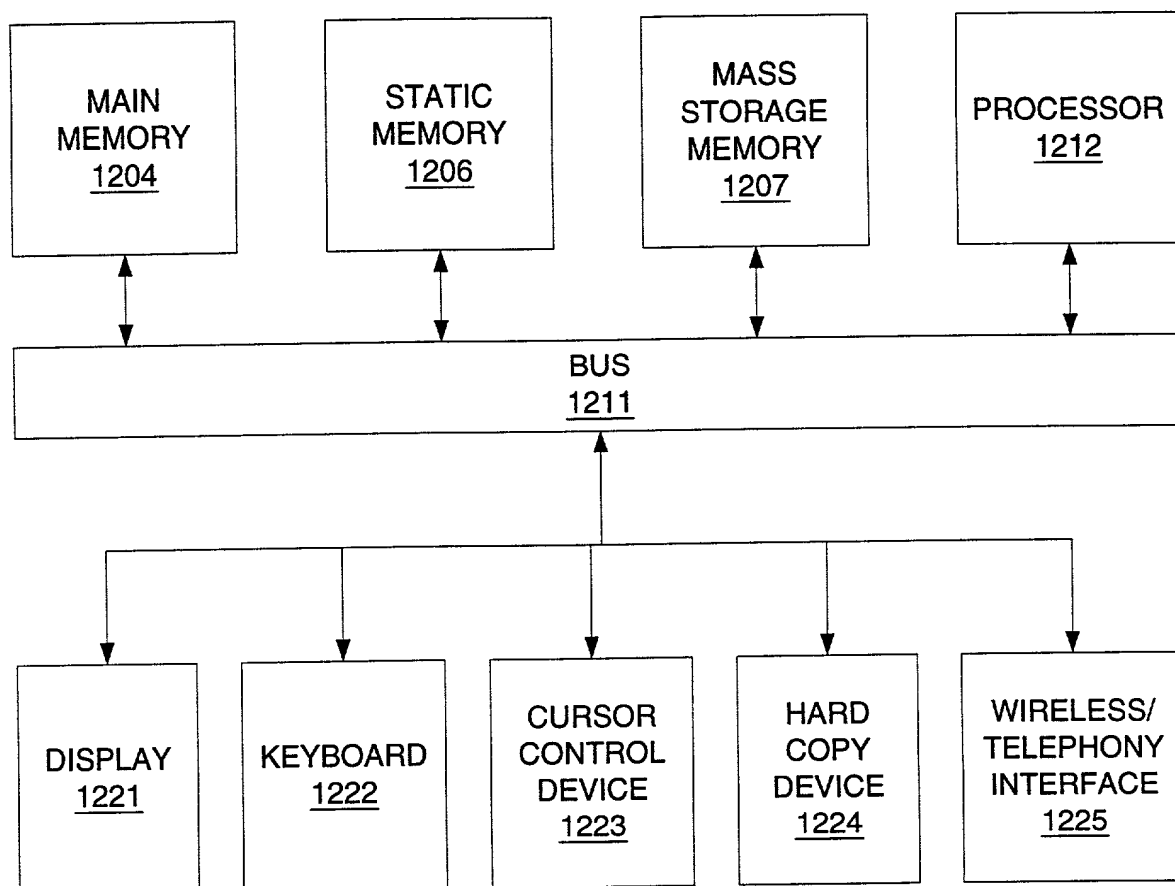


FIG. 12